

### **Amendment to Claims**

This listing of claims will replace all prior versions, and listings, of claims in the application:

#### **Listing of Claims:**

1. (Currently amended) A method for wiring connection, comprising steps of:  
  
applying at least a barrel pin to a printed circuit board;  
riveting one end of said barrel pin to said printed circuit board whereby a second end is disposed above said printed circuit board;  
mounting an electronic element on said printed circuit board;  
soldering said barrel pin and said electronic element on said printed circuit board by passing said printed circuit board through an air reflow oven;  
inserting at least a wiring into said barrel pin having been soldered on said printed circuit board via the second ~~other~~ end of said barrel pin; and  
fixing said wiring inside said barrel pin ~~by a taper recess formed on said barrel pin~~ and above said printed circuit board by crimping said barrel pin.
2. (Canceled)
3. (Canceled)
4. (Original) The method according to claim 1, wherein said wiring connection is a process for an electronic ballast.
5. (Previously presented) The method according to claim 1, wherein said barrel pin is nickel-plated so that a wetting ability thereof becomes relatively worse.
6. (Currently Amended) The method according to claim 1, wherein said

~~riveting~~ crimping step is performed by a first tool.

7. (Original) The method according to claim 1, wherein said fixing step is performed by a second tool.

8. (Currently amended) The method according to claim 7, wherein said second tool is a taper tool for hitting said barrel pin to form a said taper recess so as to crimp ~~fasten~~ said wiring thereinside.

9. (Currently amended) A wiring connection device for a printed circuit board having an electronic element mounted thereon, the wiring connection device comprising:

at least a barrel pin having ~~one~~ a first end directly riveted to and soldered at said printed circuit board ~~for an electrical connection between said printed circuit board and said barrel pin;~~ and a second end disposed above said printed circuit board,

wherein said first end of said barrel pin and the electronic element are soldered to said printed circuit board for establishing electrical connections respectively between the barrel pin and the printed circuit board and between the electronic element and the printed circuit board such that at least a wiring can be inserted via said second end of said barrel pin and fastened in said barrel pin by a taper recess formed on said barrel pin and above the barrel pin's soldered electrical connection with said printed circuit board for an electrical connection between said barrel pin and said wiring.

10. (Currently amended) The ~~device~~ method according to claim ~~17~~ 9, wherein said barrel pin is riveted by a first tool.

11. (Currently amended) The device method according to claim 17 ~~9~~, wherein said ~~barrel pin wiring~~ is ~~fitted~~ fastened by a second tool.

12. (Currently amended) The device method according to claim 11, wherein said second tool is a taper tool for fitting said barrel pin into said a taper recess so as to ~~fasten~~ crimp said wiring thereinside.

13. (Currently amended) The device method according to claim 17 ~~9~~, wherein said barrel pin, said electronic element and said printed circuit board are electrically soldered together ~~through~~ by passing through an air reflow oven.

14. (Currently amended) The device according to claim 9, wherein said wiring connection device ~~is used for~~ comprises part of an electronic ballast.

15. (Currently amended) A wiring connection device for a printed circuit board having an electronic element mounted thereon, the wiring connection device comprising:

at least two barrel pins mounted ~~at on a side of~~ said printed circuit board, ~~and~~  
by each having a first end being directly riveted ~~and soldered~~ thereon ~~for an~~  
~~electrical connection between said barrel pins and said printed circuit board~~ such  
that a second end of each barrel pin is disposed above said printed circuit board[[;  
and]],

wherein said first ends of said barrel pins and the electronic element are  
soldered to said printed circuit board for establishing electrical connections  
respectively between each of the barrel pins and the printed circuit board and  
between the electronic element and the printed circuit board such that, with respect  
to each barrel pin, at least a wiring can be inserted via said second end of the  
respective barrel pin and crimped ~~fastened in said barrel pins by a taper recess~~

~~formed on said barrel pin and~~ above the respective barrel pin's soldered electrical connection with said printed circuit board for an electrical connection between ~~said the respective~~ barrel pins and said wiring.

16. (Currently amended) The method according to claim 1 wherein the applying the barrel pin to the printed circuit board, the riveting the barrel pin to the printed circuit board, and the soldering the barrel pin into the printed circuit board are performed before ~~[[the]]~~ inserting the wiring into the barrel pin and fixing the wiring inside the barrel pin by crimping ~~the taper recess~~.

17. (New) A method for wiring connection, comprising:  
applying at least a barrel pin to a printed circuit board;  
riveting one end of said barrel pin to said printed circuit board whereby a second end is disposed above said printed circuit board;  
mounting an electronic element on said printed circuit board; and  
soldering said barrel pin and said electronic element on said printed circuit board to make electrical connections respectively between the barrel pin and the printed circuit board and between the electronic element and the printed circuit board such that a wire can be inserted via the second end of said barrel pin and fastened in said barrel pin above the barrel pin's soldered electrical connection with said printed circuit board for an electrical connection between said barrel pin and said wire.

18. (new) The method according to claim 17 further comprising:  
inserting a wire into said barrel pin via the second end of said barrel pin; and  
crimping said wire inside said barrel pin to make an electrical connection between said barrel pin and said wire.

19. (new) The device according to claim 9 further comprising a wiring inserted via said second end of said barrel pin and crimped in said barrel pin above the barrel pin's soldered electrical connection with said printed circuit board for an electrical connection between said barrel pin and said wiring.

20. (new) The device according to claim 15 further comprising, with respect to each barrel pin, a wiring inserted via said second end of the respective barrel pins and crimped in the respective barrel pins above the respective barrel pins' soldered electrical connection with said printed circuit board for an electrical connection between the respective barrel pins and said wiring.

21. (new) The device according to claim 15 wherein the barrel pins are mounted along an edge of the printed circuit board.

22. (new) The device according to claim 15 where at least three barrel pins are mounted along an edge of the printed circuit board.